**Index of Claims** 

| Application/Control No | ٥. |
|------------------------|----|
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Reexamination PERRAUT ET AL.

Applicant(s)/Patent under

10/560,973

Ann Y. Lam

Art Unit

Examiner

1641

Rejected Allowed

(Through numeral)
Cancelled

Non-Elected N

**Appeal** 

Restricted

Interference

Objected

|                     |          | L_             |          |              |              |  | ļ              |          |  |          |     |       |          |  |              |               |          |          | <u> </u>   |              |                                     | _  |
|---------------------|----------|----------------|----------|--------------|--------------|--|----------------|----------|--|----------|-----|-------|----------|--|--------------|---------------|----------|----------|--|--------------|-------------------------------------|----|
| <del></del>         |          |                |          |              |              |  |                |          |  |          | 1 1 |       | •        | ,  -   |              |               |          | I        |  |              |                                     |    |
| Clai                | <u>m</u> | <u> </u>       | _        | _            |              | Date   | <del>e</del> - |          | 1  |          |     | Cla   | aim      | ١,   |              |               | _ !      | Date     | <del>}</del>                                     |              |                                     | _  |
| Final               | Original | 30/M/6         |          |              |              |  |                |          |  |          |     | Final | Original |  |              |               |          |          |  |              |                                     |    |
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|                     | 5        |                |          |              | L            |  | Ш              |          | _  |          |     |       | 55       | Ш  |              |               | <u> </u> | _        | <u></u>  |              |                                     | L  |
|                     | 6        |                | _        | _            | L            |  | _              |          | _  |          |     |       | 56       | Ш  |              |               | _        | _        | _  | <u> </u>     |                                     | L  |
| $\vdash$            | 7        | V              | _        | <u> </u>     | <u> </u>     | <u> </u>   |                |          | <u> </u>   | _        |     |       | 57       | _  |              |               | <u> </u> | <u> </u> | <u> </u>   | _            |                                     | Ļ  |
| -                   | 8        | L              | ⊢        |              | <del> </del> | _  | _              | _        | ┞  | _        |     |       | 58       |  |              |               | <u> </u> | ├        | ⊢  | ├            |                                     | ┞  |
| <del></del>         | 9        | -              | ⊢        | ⊢            | -            |  | _              | -        | _  | ├—       |     |       | 59<br>60 | Н  |              |               | ├-       | -        | <del>                                     </del> | ├            | _                                   | ┝  |
| $\vdash$            | 10<br>11 | -              | ⊢        | ⊢            | ⊢            | -  | H              | -        | $\vdash$   | ├-       |     |       | 61       | H  | -            |               | ⊢        | $\vdash$ | $\vdash$   | ┝            | _                                   | ╁  |
| <del> -  </del>     | 12       | ⊢              | $\vdash$ | ⊢            | ├            |  | $\vdash$       | $\vdash$ | $\vdash$   | ├        |     |       | 62       | H  |              | -             | ┢        | ┝        | $\vdash$   | ┢            | -                                   | ⊦  |
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| -                   | 14       | -              | -        | 1            | <del> </del> |  | ┢              | $\vdash$ | -  | $\vdash$ | 1   |       | 64       | Н  |              | $\vdash$      | $\vdash$ | ┢        | _  | $\vdash$     | -                                   | H  |
| -                   | 15       |                | $\vdash$ | -            | $\vdash$     | -  | ┢              | $\vdash$ | <del>                                     </del> | $\vdash$ | 1   |       | 65       | -  |              | $\vdash$      | 一        | $\vdash$ | $\vdash$   | -            | -                                   | t  |
| 1                   | 16       |                | H        | t            | 1            | -  |                | $\vdash$ | $\vdash$   | $\vdash$ | 1   |       | 66       |  |              | $\vdash$      | ┪        | _        |  |              |                                     | H  |
|                     | 17       | $\vdash$       | $\vdash$ | <b>†</b>     | $\vdash$     | ┪  | T              | $\vdash$ | $\vdash$   |          | 1   |       | 67       |  |              | $\vdash$      |          |          |  |              |                                     | T  |
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|                     | 19       |                | t        | t            |              |  |                |          |  |          |     |       | 69       | П  |              | _             |          |          |  |              |                                     | T  |
|                     | 20       |                | t        |              |              | Г  |                |          |  |          | ĺ   |       | 70       |  |              |               |          |          |  |              |                                     | Γ  |
|                     | 21       |                | T        | Г            |              | Г  |                |          |  |          |     |       | 71       |  |              |               |          |          |  |              |                                     | Γ  |
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|                     | 24       |                |          |              | L            | _  |                |          |  |          | ]   |       | 74       |  | _            |               | 乚        | <u> </u> | <u> </u>   | 匚            | 匚                                   | L  |
|                     | 25       |                | <u> </u> | $oxed{oxed}$ | L            | _  | 匚              |          | _  | _        |     |       | 75       | _  |              |               | _        | _        | L  | <u> </u>     | <u> </u>                            | L  |
|                     | 26       | _              | _        | <u> </u>     | <u> </u>     | _  | L              |          |  | <u></u>  |     |       | 76       |  |              |               |          |          | <u> </u>   | 匚            | <u> </u>                            | L  |
|                     | 27       |                | <u> </u> | <del> </del> | <u> </u>     | _  | _              |          | _  | _        |     |       | 77       |  | _            |               |          | _        | <u> </u>   | <u> </u>     | ╙                                   | L  |
| $\vdash$            | 28       | _              | <u> </u> | _            | ┡            | <u> </u>   | <u> </u>       |          | <u> </u>   | <u> </u> | ł   |       | 78       |  | <u> </u>     | <u> </u>      |          | <u> </u> | ⊢  | <u> </u>     | _                                   | ╀  |
|                     | 29       | <del> </del> — | <u> </u> | ├            | ├            | <u> </u>   | ⊢              |          | <u> </u>   | _        | -   |       | 79       | _  | <u> </u>     | ┝             | L        | _        | ⊢  | ⊢            | ├-                                  | ╀  |
| -                   | 30<br>31 | ļ              | <u> </u> | ⊢            | ⊢            | -  | ⊢              | _        | H  | ┝        | -   |       | 80       | _  | -            | ┝             | ├        | ⊢        | ├-   | ⊢            | H                                   | ╀  |
| $\vdash$            | 32       |                | ├        | ⊢            | ┢            | $\vdash$   | ⊢              |          | -  | -        | 1   |       | 81<br>82 | -  | _            | ┝             | ┢        | H        | ⊢  | H            | ⊢                                   | ╀  |
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|                     | 34       | -              | ╁        | ┢            | ┢            | -  | $\vdash$       | -        | H  |          | 1   |       | 84       | -  |              | ┢             | _        | ├─       | ├  | ┝            | ┢                                   | H  |
| $\vdash$            | 35       |                | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$   | -              |          | ┢  | ┢        | 1   |       | 85       | ╁  | _            | ┢             | $\vdash$ | ┢        | ╁  | -            |                                     | ╁  |
| <del></del>         | 36       |                | $\vdash$ | t            | $\vdash$     | $\vdash$   | $\vdash$       | _        | ┢  | $\vdash$ | 1   |       | 86       | $\vdash$   | <del> </del> |               |          |          | $\vdash$   | ┢            | ┢                                   | t  |
|                     | 37       | $\vdash$       | $t^-$    | 一            | $\vdash$     | $\vdash$   | ┰              | _        | ┢  | $\vdash$ | 1   |       | 87       |  | _            |               |          | Н        |  | $\vdash$     | $\vdash$                            | t  |
|                     | 38       |                |          | $\vdash$     |              | <del>                                     </del> | T              |          | T  |          | 1   |       | 88       |  |              | $\overline{}$ | $\vdash$ | $\vdash$ |  | Г            | $\vdash$                            | T  |
|                     | 39       |                | T        | T            | $\vdash$     | $\vdash$   | Г              |          | Т  |          | 1   |       | 89       |  |              |               | Т        | Г        | Г  | $\vdash$     | Г                                   | T  |
|                     | 40       | $\vdash$       | T        | Τ            |              | Γ  |                |          | Г  |          | 1   |       | 90       | Г  |              |               | Π        |          | Г  | Г            | Г                                   | Γ  |
|                     | 41       | Г              |          |              |              | Г  | Г              |          |  |          | ] i |       | 91       |  |              |               |          |          |  |              |                                     | Γ  |
|                     | 42       |                |          |              |              |  |                |          |  |          |     |       | 92       |  |              |               |          |          |  |              |                                     |    |
|                     | 43       |                |          |              |              |  |                |          |  |          | ]   |       | 93       |  |              |               |          | 匚        | 匚  |              |                                     | Ĺ  |
|                     | 44       |                |          |              | Ĺ            | Ĺ  |                |          | $\Box$   |          |     |       | 94       |  |              |               |          | L        | L  | 匚            | Ĺ                                   | Ĺ  |
|                     | 45       | _              | 1_       | <u> </u>     | _            | _  | L              | L        | _  |          |     |       | 95       | _  |              | _             |          |          | <u> </u>   | $oxed{oxed}$ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L  |
|                     | 46       | _              | 1_       | _            | $oxed{oxed}$ | $oxed{oxed}$                                     | L_             | <u> </u> | <u></u>  | ļ_       |     |       | 96       | $ldsymbol{ld}}}}}}}}}$ | L_           | _             | L_       | <u>_</u> | <u> </u>   | _            | 匚                                   | L  |
| $\vdash \downarrow$ | 47       | <u> </u>       | ╙        | $\vdash$     | ↓_           | <u> </u>   | L              | <u> </u> | <u> </u>   | <u> </u> |     |       | 97       | Ш  | <u> </u>     | _             | <u> </u> | _        | ┞_   | <u> </u>     | ⊢                                   | L  |
|                     | 48       | <u> </u>       | ₩        |              |              | _  | <u> </u>       | <u> </u> | <u> </u>   | <u> </u> |     |       | 98       |  | _            | $\vdash$      | <u> </u> | ⊢        | <b>!</b> —                                       | $\vdash$     | <u> </u>                            | Ļ  |
| -                   | 49       | <del> </del>   | <b> </b> | <del> </del> | -            |  | <b>!</b>       | <u> </u> | ⊢  | ⊢        |     |       | 99       | _  | <u> </u>     | _             | -        | <b>├</b> | ⊢  | <b>—</b>     | ├-                                  | 1  |
| $\sqcup$            | 50       | Щ.             | Ц_       |              |              |  | Ц_             | L        | L  | L        | j   | L     | 100      | Щ.   | L            | <u> </u>      |          | Ц_       | <u> </u>   |              |                                     | 1_ |

| Cla      | Claim    |  |          | Date     |  |              |                                     |          |              |          |  |  |  |
|----------|----------|--|----------|----------|--|--------------|-------------------------------------|----------|--------------|----------|--|--|--|
|          |          |  |          |          |  |              |                                     |          |              |          |  |  |  |
| Final    | Original |  |          |          |  |              |                                     |          |              |          |  |  |  |
| =        | rig      |  |          |          |  |              |                                     |          |              |          |  |  |  |
|          | 0        |  |          |          |  |              |                                     |          |              |          |  |  |  |
|          | 51       |  |          | Н        |  |              |                                     |          | -            | $\neg$   |  |  |  |
| -        | 52       |  |          | $\vdash$ |  |              |                                     | -        |              | -        |  |  |  |
| $\vdash$ | 52<br>53 | _  |          | -        | -  |              |                                     |          |              | $\dashv$ |  |  |  |
| $\vdash$ | 54       |  |          | -        | $\vdash$   | -            | _                                   |          |              | $\dashv$ |  |  |  |
| $\vdash$ | 54       |  | _        | -        | -  | -            |                                     |          |              | -        |  |  |  |
| $\vdash$ | 55<br>56 |  |          | H        | Н  |              |                                     |          | _            | $\dashv$ |  |  |  |
|          |          |  |          |          | $\vdash$   |              |                                     |          |              |          |  |  |  |
|          | 57       | _  | _        | <u> </u> | _  | _            | _                                   | _        |              |          |  |  |  |
| $\perp$  | 58       |  |          | <u> </u> | _  |              |                                     | _        |              |          |  |  |  |
|          | 59       |  |          | _        | L.   |              | _                                   |          |              | _        |  |  |  |
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|          | 65       |  |          |          |  |              |                                     |          |              |          |  |  |  |
|          | 66       |  |          | Г        | Г  |              |                                     |          |              |          |  |  |  |
|          | 67       |  |          |          |  |              |                                     |          |              |          |  |  |  |
|          | 68       |  | Г        | Г        |  |              |                                     |          |              |          |  |  |  |
|          | 69       |  |          | _        |  | _            |                                     |          |              | П        |  |  |  |
|          | 70       |  |          |          |  | _            |                                     |          |              |          |  |  |  |
|          | 71       | -  | -        | -        | $\vdash$   | М            |                                     |          | -            | -        |  |  |  |
|          | 72       | ┢┈   | _        | $\vdash$ | $\vdash$   |              |                                     | Н        | $\vdash$     | _        |  |  |  |
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| <b>—</b> | 74<br>75 | H  | _        | ╁        | ┢  | _            | H                                   | $\vdash$ | $\vdash$     | Н        |  |  |  |
|          | 76       | ┝  | -        | ┝        | ┝  | ⊢            |                                     | -        | Ι            | Н        |  |  |  |
|          | 77       | -  | -        | ┢        | ┢  | <u> </u>     | $\vdash$                            | $\vdash$ | ┝            |          |  |  |  |
|          | 77<br>78 | ┝  | -        | H        | ┝  | $\vdash$     | -                                   | $\vdash$ | $\vdash$     | Н        |  |  |  |
| <b> </b> | 79       | ⊢  | -        | ⊢        |  | -            | H                                   | _        | -            | _        |  |  |  |
|          |          | <u> </u>   | <u> </u> | ⊢        | _  | H            | $\vdash$                            | _        | -            |          |  |  |  |
| -        | 80       | _  | _        | ⊢        | <del>                                     </del> | <u> </u>     | -                                   | _        |              |          |  |  |  |
|          | 81       | <u> </u>   | _        | ļ.,      | <u> </u>   | <u> </u>     |                                     |          | <u> </u>     | Ш        |  |  |  |
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|          | 83       | <u> </u>   | <u> </u> | <u> </u> | <u> </u>   | <u> </u>     | <u> </u>                            | <u> </u> | _            | Щ        |  |  |  |
|          | 84       | <u> </u>   | _        | <u> </u> | _  | <u> </u>     | _                                   |          |              |          |  |  |  |
|          | 85       | <u> </u>   | <u> </u> | <u> </u> | <u> </u>   | <u> </u>     | $\vdash$                            |          |              |          |  |  |  |
|          | 86       | $oxed{oxed}$                                     | L        | _        | <u> </u>   | $oxed{oxed}$ | L                                   |          | <u> </u>     | L        |  |  |  |
|          | 87       | _  | _        | <u> </u> |  | L.           | _                                   | L.       |              | Ц.       |  |  |  |
|          | 88       | L_   | <u>_</u> | _        |  | <u> </u>     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          | _            | L.       |  |  |  |
|          | 89       | <u></u>  | <u></u>  | <u> </u> |  | _            |                                     | L.       |              |          |  |  |  |
|          | 90       | L  |          |          |  |              |                                     |          |              |          |  |  |  |
|          | 91       |  | Ĺ        |          |  |              |                                     |          |              |          |  |  |  |
|          | 92       | L  | L        | L        | L  | L            |                                     |          |              |          |  |  |  |
|          | 93       |  |          | L        |  |              |                                     |          |              |          |  |  |  |
|          | 94       |  |          | L        |  |              |                                     |          |              |          |  |  |  |
|          | 95       |  |          |          |  |              |                                     |          |              |          |  |  |  |
|          | 96       |  | _        | П        | Г  |              | Γ                                   |          | Г            | П        |  |  |  |
|          | 97       |  |          |          | Γ  |              | Т                                   |          |              |          |  |  |  |
|          | 98       |  | Г        |          |  |              | Г                                   |          | Г            |          |  |  |  |
|          | 99       |  |          |          |  | Г            | Π                                   | $\Box$   |              | П        |  |  |  |
|          | 100      | <del>                                     </del> |          | Т        | $\vdash$   | <u> </u>     | Т                                   | $\vdash$ | T            |          |  |  |  |

| Claim |                          | Date     |              |          |  |          |           |  |          |                 |  |
|-------|--------------------------|----------|--------------|----------|--|----------|-----------|--|----------|-----------------|--|
| Final | Original                 |          |              |          |  |          |           |  |          |                 |  |
|       | 101                      |          |              |          |  |          |           |  |          |                 |  |
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|       | 103                      |          |              | <u> </u> |  |          | Ш         |  | Ш        | _               |  |
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|       | 111                      |          |              |          |  |          |           |  |          |                 |  |
|       | 112<br>113<br>114<br>115 |          |              | L        |  |          | Ш         |  | Щ        | Ш               |  |
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| -     | 115                      |          | -            | $\vdash$ | Н  | _        | $\vdash$  |  | -        | Н               |  |
|       | 117                      | _        | _            | $\vdash$ | $\vdash$   |          |           |  |          | -               |  |
|       | 116<br>117<br>118        | $\vdash$ | $\vdash$     | -        | $\vdash$   |          |           |  |          | Н               |  |
|       | 119                      |          | -            |          | _  | _        |           |  |          | H               |  |
|       | 119<br>120               |          |              | Г        |  |          |           |  |          |                 |  |
|       | 121                      |          |              |          |  |          |           |  |          |                 |  |
|       | 121<br>122<br>123        |          |              |          |  |          |           |  |          |                 |  |
|       | 123                      | <u> </u> | _            | _        |  |          | L         |  | L        |                 |  |
|       | 124<br>125<br>126        | <u> </u> | _            | <u> </u> | <u> </u>   |          | _         | _  | _        | _               |  |
|       | 125                      |          |              | -        | $\vdash$   | _        | H         | ⊢  | -        | $\vdash$        |  |
|       | 127                      |          | ┢            | ┢        | $\vdash$   | -        |           | -  | -        | $\vdash$        |  |
|       | 127<br>128<br>129        | -        | $\vdash$     | $\vdash$ | $\vdash$   |          | -         | H  |          | Н               |  |
|       | 129                      |          |              |          |  |          |           | $\vdash$   |          | М               |  |
|       | 130                      |          |              |          |  |          |           |  |          |                 |  |
|       | 130<br>131               |          |              |          |  |          |           |  |          |                 |  |
|       | 132<br>133               |          |              |          |  |          |           |  |          |                 |  |
|       | 133                      | _        | _            | <u> </u> |  |          |           | _  | _        | Ц               |  |
|       | 134                      | <u> </u> | <del> </del> | $\vdash$ | $\vdash$   | <u> </u> | L         | _  | -        | Н               |  |
|       | 135<br>136               | _        | <u> </u>     | ⊢        | H  | _        | _         | -  | -        | Н               |  |
|       | 137                      | $\vdash$ | ⊢            | $\vdash$ | $\vdash$   | _        | -         | $\vdash$   | $\vdash$ | Н               |  |
|       | 138                      | $\vdash$ | $\vdash$     | ┪        | $\vdash$   | _        | _         | 一  | ┢        | H               |  |
|       | 139                      |          | $\vdash$     | $\vdash$ | $\vdash$   |          |           |  |          | Н               |  |
|       | 140                      |          |              | T        |  |          |           |  |          | П               |  |
|       | 141                      |          |              |          |  |          |           |  |          |                 |  |
|       | 142                      | 匚        | 匚            |          |  |          |           |  |          |                 |  |
|       | 143                      | <u> </u> | <u> </u>     |          | L  |          |           | <u> </u>   | <u> </u> | $\sqcup$        |  |
|       | 144                      | <u> </u> | <u> </u>     | <u> </u> | <u> </u>   | _        | $\vdash$  | _  | <u> </u> | $\vdash \vdash$ |  |
|       | 145                      |          | -            | $\vdash$ | <u> </u>   | <u> </u> | ├-        | -  | _        | $\vdash$        |  |
|       | 146<br>147               | $\vdash$ | $\vdash$     |          | ├—   | -        | $\vdash$  | $\vdash$   |          | $\vdash \vdash$ |  |
|       | 148                      | $\vdash$ | -            | -        | -  | -        | ┝         | $\vdash$   | $\vdash$ | $\vdash$        |  |
| _     | 149                      | $\vdash$ | Ι-           | $\vdash$ | <del>                                     </del> | -        | H         | $\vdash$   | -        | $\vdash$        |  |
|       | 150                      |          | Т            |          | $\vdash$   | $\vdash$ | -         | <del>                                     </del> |          | $\vdash$        |  |
|       |                          | _        | _            | -        | —  | Ь.       | _         | —  | _        |                 |  |